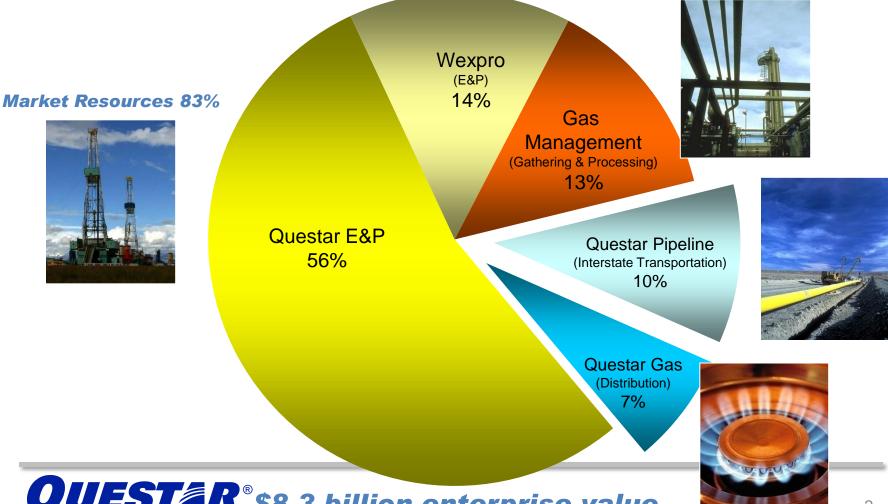
# "A Stunning Year: The Effect of the Current and Anticipated Economic and Political Environment on the Natural Gas Industry"

Barrie L. McKay General Manager June 9, 2009 State Regulatory Affairs Western Conference **Questar Gas Company** 

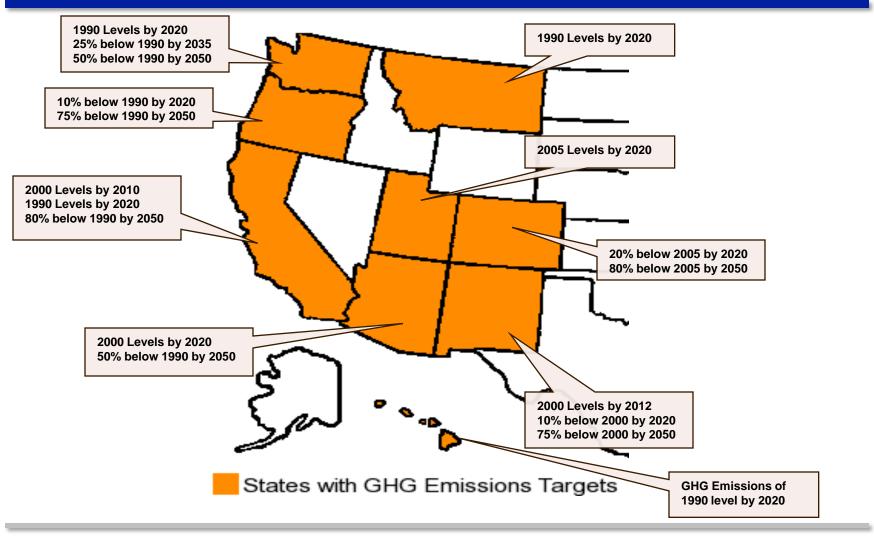


#### Questar is a natural gas-focused energy company

#### Net income contribution March 2009



#### Western Climate Change Initiatives Greenhouse Gas Emission Goals





### "80 by 50"

- Utahn's average carbon footprint 2009: 25 tons
- Utahn's average carbon footprint 2050: 2.2 tons
- Last time Utahns' carbon footprint was this level:

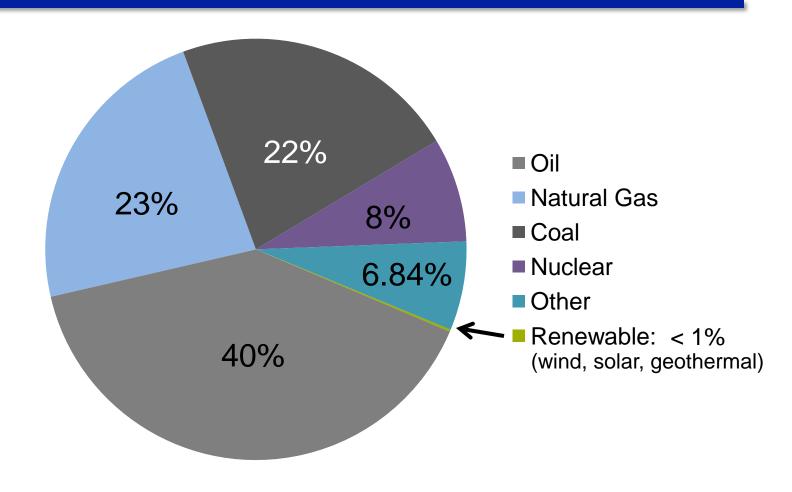
 Last time Americans' carbon footprint was this level:







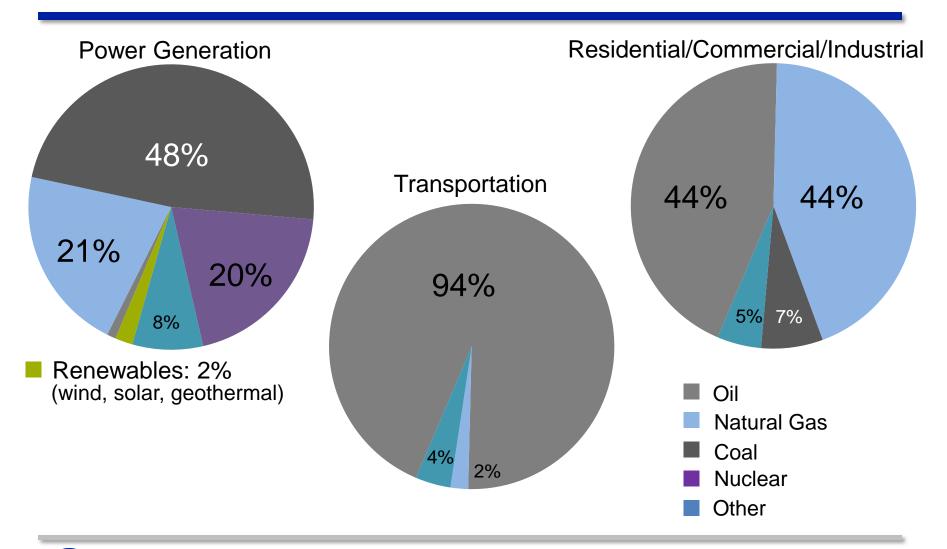
### America's total energy use by fuel





Source: EIA 2008

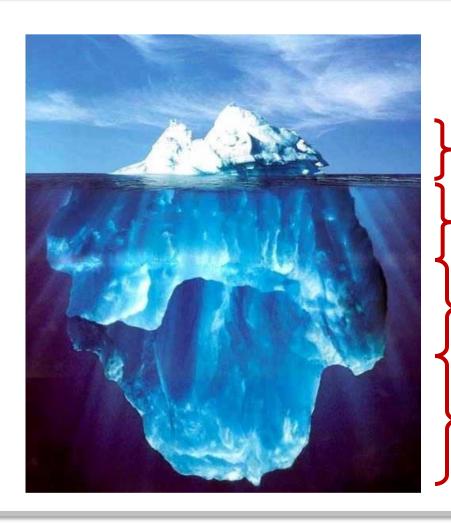
### America's energy use by sector





Source: EIA 2008

#### Natural Gas: An Abundant Domestic Resource



Nationwide reserve estimates

**1990 2006**Proved: 169Tcfe 204Tcfe

Probable: 207Tcfe 270Tcfe

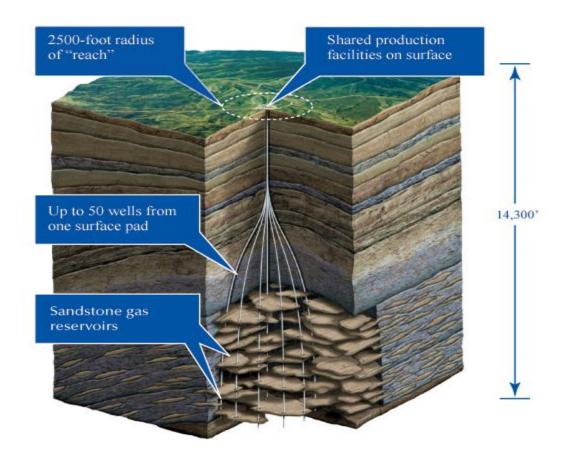
Possible: 304Tcfe 426Tcfe

Speculative: 344Tcfe 461Tcfe

Total: 1,024Tcfe 1,361Tcfe

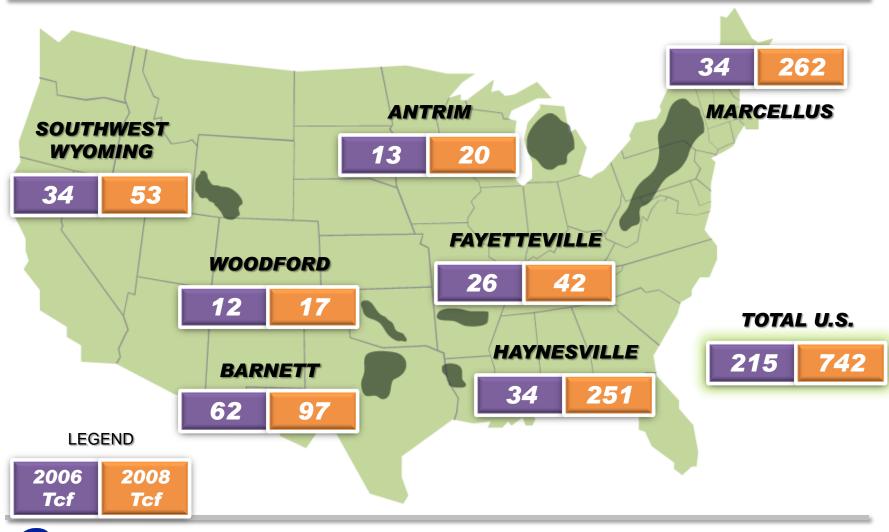


#### Improved Drilling Technology



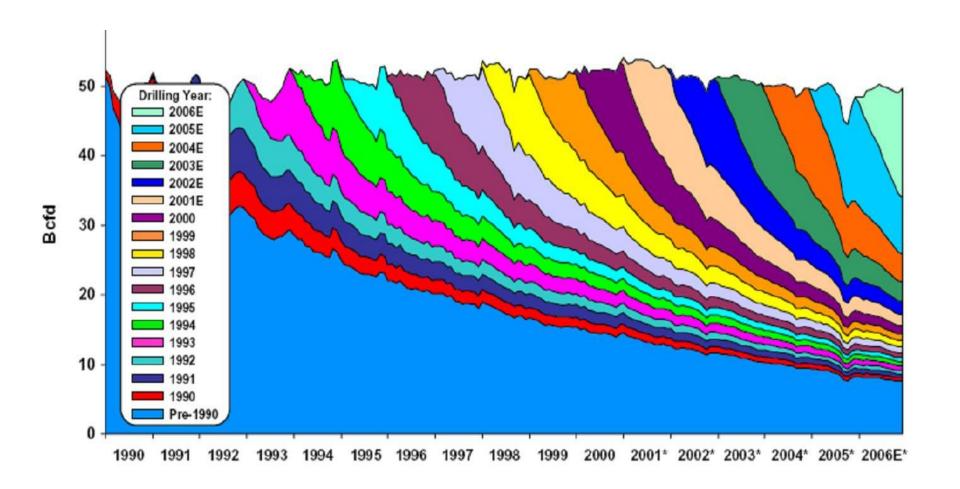


#### U.S. Natural Gas Shale Economically Recoverable Reserves





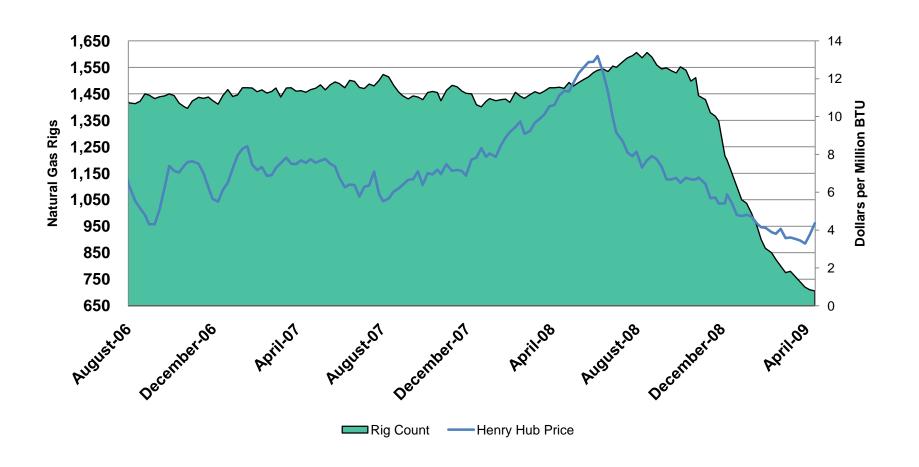
#### Increasing Decline Rates in Natural Gas Production





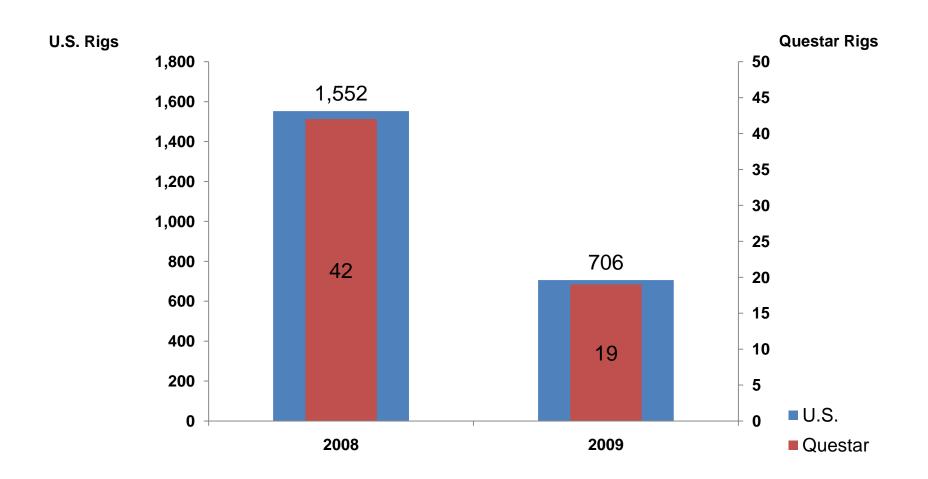
Source: EOG

#### **U.S. Rig Count**





#### U.S. and Questar Market Resources Current Rig Count





#### Proposed Tax-Law Changes | Cap & Trade

#### President Obama's FY 2010 budget proposal

- •Elimination of tax deduction for intangible well-completion costs
- Increase amortization period for geological and geophysical costs
- •Repeal percentage depletion for oil and natural gas companies

Impact on Questar ~ \$200 - 400 million/year based on 2008 activity levels

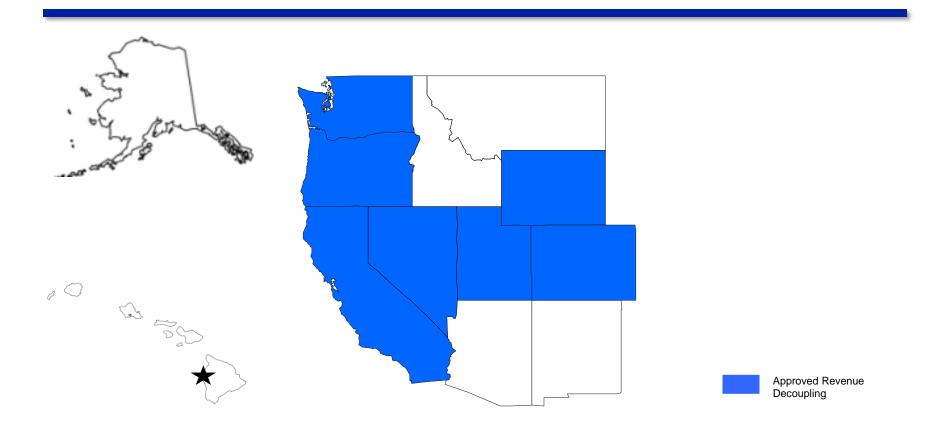
Estimated Cap & Trade Costs:

Questar Gas estimated \$264 million annually by 2015

Questar Gas currently collects \$255 million annually to cover non-gas costs

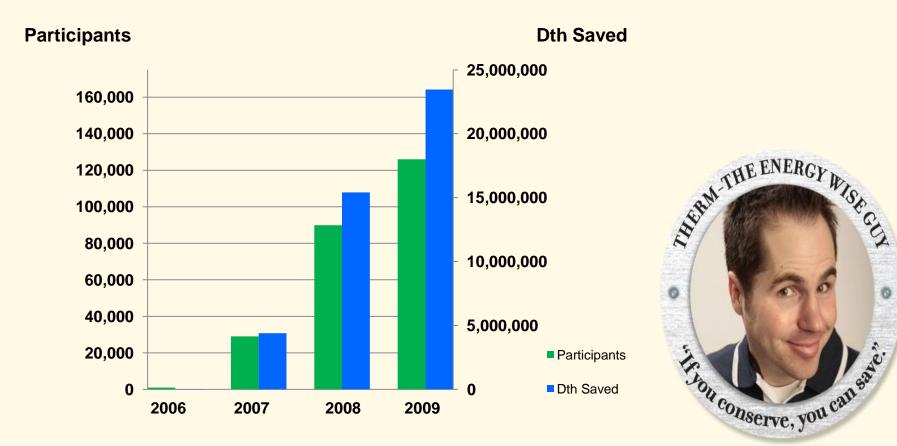


#### Western States Allowing Revenue Decoupling





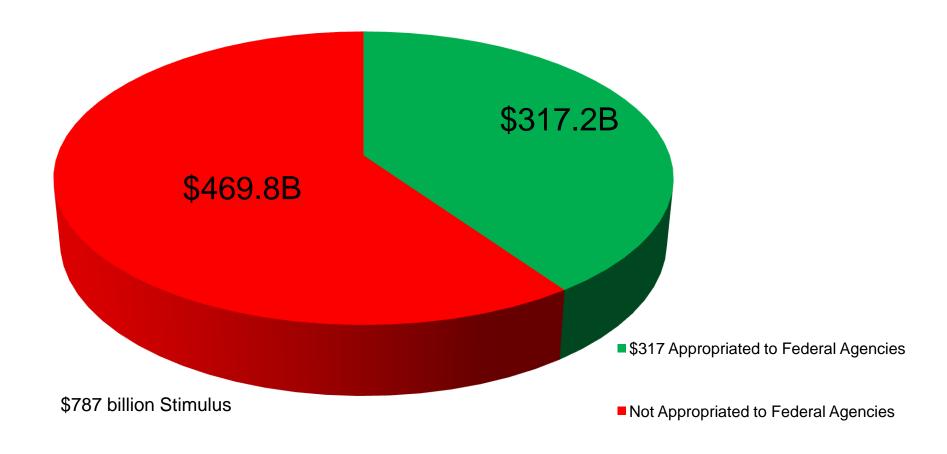
## Questar's Energy-Efficiency Program Cumulative Participation and Dth Saved





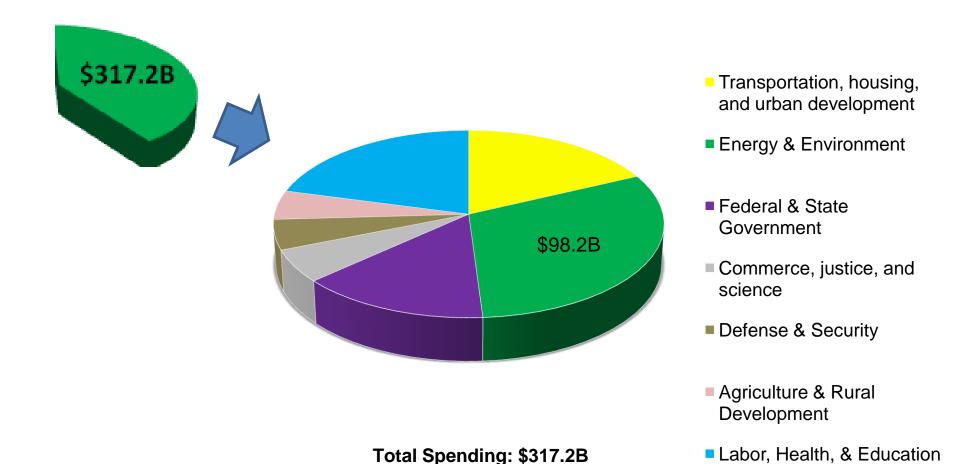


## American Reinvestment & Recovery Act of 2009





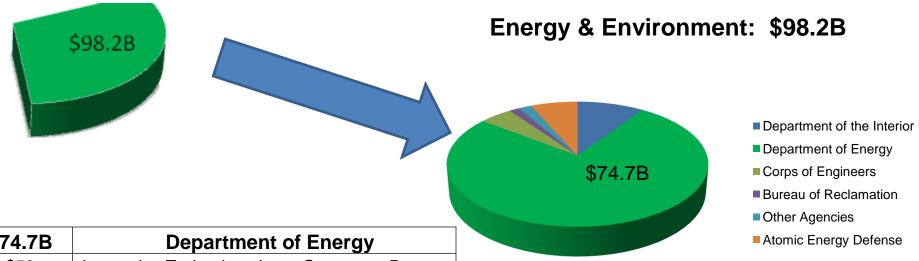
#### American Reinvestment & Recovery Act Appropriation Spending by Department





Source: CNN

#### American Recovery & Reinvestment Act Appropriation to the Department of Energy



\$74.7B

\$50

Innovative Technology Loan Guarantee Program
\$14.4

Energy efficiency and renewable energy

\$4.6

Fossil energy research and development

\$4.5

Electricity delivery and energy reliability

\$0.5

Nondefense environmental cleanup

\$0.4

Uranium plant decommissioning

\$0.3

Science

(In billions)

\$3.1 billion to the State Energy Program earmarked for states with energy efficiency initiatives.



Source: CNN

## American Recovery & Reinvestment Act State Funding

State	Weatherization	State Energy Program	Energy Efficiency & Conservation Block Grant Program	Science	Environmental Management	Biomass	Total
Alaska	\$18.1	\$28.2	\$14.0	\$0.0	\$0.0	\$0.0	\$60.3
Arizona	\$57.0	\$55.4	\$63.8	\$0.0	\$0.0	\$0.0	\$176.3
California	\$185.8	\$226.1	\$351.7	\$184.2	\$62.1	\$111.5	\$1,121.3
Colorado	\$79.5	\$49.2	\$42.6	\$0.0	\$110.7	\$0.0	\$282.1
Hawaii	\$4.0	\$25.9	\$15.1	\$0.0	\$0.0	\$0.0	\$45.0
Idaho	\$30.3	\$28.6	\$17.0	\$0.0	\$467.9	\$0.0	\$543.7
Montana	\$26.5	\$25.9	\$14.0	\$0.0	\$0.0	\$0.0	\$66.4
New Mexico	\$26.9	\$31.8	\$20.6	\$0.0	\$384.2	\$0.0	\$463.4
Oregon	\$38.5	\$42.2	\$33.5	\$0.0	\$0.0	\$0.0	\$114.2
Utah	\$37.9	\$35.4	\$27.8	\$0.0	\$108.4	\$0.0	\$209.4
Washington	\$59.5	\$60.9	\$56.1	\$123.9	\$1,960.5	\$0.0	\$2,261.0
Wyoming	\$10.2	\$24.9	\$12.0	\$0.0	\$0.0	\$0.0	\$47.2
Total	\$574.5		\$668.1	\$308.1		\$111.5	\$5,390.4

(Figures are rounded and in millions)



Source: Recovery.gov